

### **Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application:

### **Listing of Claims:**

**1. (Currently Amended)** A method for ~~[enabling the generation of an]~~ updat[ed]ing web-pages  
stored in a plurality of caches, each cache being associated with a corresponding cache  
server, said method comprising:

implementing a first programmable rule defining a first triggering event associated with  
a first cache, the occurrence of which is indicative of ~~[the existence of]~~ an obsolete  
portion of ~~[said]~~ a web-page in the first cache;

implementing a second programmable rule defining a second triggering event associated  
with a second cache, the occurrence of which is indicative of an obsolete portion of  
a web-page in the second cache, the second triggering event being different from the  
first triggering event;

detecting ~~[the]~~ an occurrence of ~~[said]~~ one of the first and second triggering events;

in response to the occurrence of ~~[said]~~ the detected triggering event, requesting an  
update of ~~[said]~~ a corresponding obsolete portion; and

receiving an updated portion of said web-page for storage in ~~[said]~~ the cache associated  
with the detected triggering event.

**2. (Original)** The method of claim 1, further comprising

generating a web-page incorporating said updated portion therein; and

serving said web-page to a user.

3. **(Currently Amended)** The method of claim 1, wherein implementing said first programmable rule comprises interpreting a script containing instructions for defining said rule.
4. **(Currently Amended)** The method of claim 1, wherein detecting said first triggering event comprises detecting an elapsed time defined by said first programmable rule.
5. **(Currently Amended)** The method of claim 1, wherein detecting said first triggering event comprises detecting the receipt of an updated portion of said web-page.
6. **(Currently Amended)** The method of claim 1, wherein requesting an update~~[a portion of said web-page]~~ comprises formulating a database query to be carried out by a database engine.
7. **(Currently Amended)** The method of claim 1, wherein ~~[said web-page comprises, in addition to said updated portion, a plurality of constituent portions and]~~ said method further comprises providing an assembly script containing instructions for assembling ~~[said]~~ constituent portions of a web-page and said updated portion into ~~[said]~~ an updated web-page.
8. **(Original)** The method of claim 1, wherein  
  
requesting an update comprises establishing communication with an origin server and requesting said update therefrom, and  
  
receiving an updated portion comprises receiving said updated portion from said origin server.
9. **(Currently Amended)** The method of claim 8, further comprising providing a cache memory element separate from said origin server.
10. **(Currently Amended)** The method of claim 8, further comprising providing a cache memory element at said origin server.

11. **(Original)** The method of claim 1, further comprising collecting access-data indicative of how frequently said web-page is requested.
12. **(Currently Amended)** The method of claim 11, further comprising managing the content of said caches in response to said access-data.
13. **(Currently Amended)** A web-serving system comprising:
- ~~[a cache memory having content stored therein; and]~~
- a first cache server having a first cache memory;
- a second cache server having a second cache memory;
- a first cache manager in communication with said first cache memory for controlling [said] content of said first cache memory[;], said first cache manager being configured to execute a first programmable script [~~in communication with said cache manager~~] for detecting the occurrence of a first triggering event, and in response to detection of said first triggering event, causing said first cache manager to request an[d] update of said content of said first cache memory; and
- a second cache manager in communication with said second cache memory for controlling content of said second cache memory, said second cache manager being configured to execute a second programmable script for detecting the occurrence of a second triggering event, and in response to detection of said second triggering event, causing said second cache manager to request an update of said content of said second cache memory;
- wherein said first triggering event is different from said second triggering event.

14. **(Original)** The web-serving system of claim 13, further comprising a usage-monitor for collecting access-data indicative of the frequency with which a selected web-page is requested.
15. **(Currently Amended)** The web-serving system of claim 14, wherein said usage-monitor provides said access data to said one of said first and second programmable scripts, and said one of said first and second programmable scripts alters [said] content of a corresponding one of said first and second cache memor[y]ies in response to said access-data.
16. **(Currently Amended)** The web-serving system of claim 13, further comprising a communication path between one of said first and second [said] programmable scripts and an administrator process, said communication path enabling said one of said first and second programmable scripts to receive instructions from said administrator process.
17. **(Currently Amended)** The web-serving system of claim 13, further comprising a page assembler executing on one of said cache servers, the page assembler containing instructions for assembling constituent portions of [said] a web-page into [said] a web-page.
18. **(Cancelled)**
19. **(Currently Amended)** A computer-readable medium having encoded thereon software for [enabling the generation of an] updat[ed]ing web-pages stored in [a] caches, each cache being associated with a corresponding cache server, said software comprising instructions for:
- implementing first a programmable rule defining a first triggering event associated with a first cache, the occurrence of which is indicative of [the existence of] an obsolete portion of [said] a web-page in the first cache;

implementing a second programmable rule defining a second triggering event associated with a second cache, the occurrence of which is indicative of an obsolete portion of a web-page in the second cache, the second triggering event being different from the first triggering event;

detecting [~~the~~] an occurrence of [~~said~~] one of the first and second triggering events;

in response to the occurrence of [~~said~~] the detected triggering event, requesting an update of [~~said~~] a corresponding obsolete portion; and

receiving an updated portion of said web-page for storage in [~~said~~] the cache associated with the detected triggering event.

**20. (Original)** The computer-readable medium of claim 19, wherein said software further comprises instructions for:

generating a web-page incorporating said updated portion therein; and

serving said web-page to a user.

**21. (Currently Amended)** The computer-readable medium of claim 19, said instructions for implementing said first programmable rule further comprise instructions for interpreting a first script containing instructions for defining said first programmable rule.

**22. (Currently Amended)** The computer-readable medium of claim 19, wherein said instructions for detecting said first triggering event comprise instructions for detecting an elapsed time defined by said first programmable rule.

**23. (Currently Amended)** The computer-readable medium of claim 19, wherein said instructions for detecting said first triggering event comprise instructions detecting the receipt of an updated portion of said web-page.

**24. (Original)** The computer-readable medium of claim 19, wherein said instructions for

requesting an updated portion of said web page comprise instructions for formulating a database query to be carried out by a database engine.

**25. (Currently Amended)** The computer-readable medium of claim 19, [~~wherein said web page comprises, in addition to said updated portion, a plurality of constituent portions and~~] said computer-readable medium further comprises instructions for assembling [said] constituent portions of a web-page and said updated portion into [said] an updated web-page.

**26. (Original)** The computer-readable medium of claim 19, wherein

said instructions for requesting an update comprise instructions for establishing communication with an origin server and requesting said update therefrom, and

said instructions for receiving an updated portion comprise instructions for receiving said updated portion from said origin server.

**27. (Original)** The computer-readable medium of claim 19, wherein said software further comprises instructions for collecting access-data indicative of how frequently said web-page is requested.

**28. (Currently Amended)** The computer-readable medium of claim 27, wherein said software further comprises instructions for managing the content of said caches in response to said access-data. ?